

RESET-4

Team:

Fred Helsel - lead
Peggy Malone - Daily reporting
Doug Scott - Audit in/out

Dates: (2 1/2wk)

Leave US: 8/03/98
Arrive at POM, PNG: 8/06/98
Arrive at site: 8/10/98
Depart site: 8/22/98
Depart PNG: 8/23/98
Latest ship date: 7/17/98

Tasks:

- 1. UPS** Helsel
 - Battery changeout in I-Van and D-Van
 - Fan replacement in I-Van and D-Van
 - Electronics module changeout in I-Van
- 2. ADaM/EVE** Malone
 - Replace Tape drives
 - Sync up ADaM/EVE
 - Back up ADaM
- 3. WSI Installation** Scott
- 4. MPL repair** Scott
 - Shutter
 - Air compressor
 - Lidar replacement
 - Hand held controller replacement
- 5. HRPT work in POM(Helsel)** Helsel
 - Meet with Moyap, Elijah, Kevin and Ken
 - Review the HRPT system status.
 - Locate the system documents, manuals, blank tapes.
 - Review tape removal procedure and clarify the tape mailing process, responsibility.
 - Hook up system to new phone line(if available).
 - Verify printer is working.
 - Observe HRPT operations and identify operators.
 - Review other computer systems for later action.
 - Investigate E-Mail provider in POM for phone connection to ARCS-1 site.
- 6. Data Management Plan/boxes(ADaM, BBSS, WSI)** Malone

7. SDL computer replacement	Malone
8. E-Van AC Unit installation	Helsel
9. ISS Troubleshooting	Malone
<ul style="list-style-type: none"> • Help Johnston with RASS repairs(1 day) • Be trained by Johnston on ISS system 	
10. Solar tracker action	Helsel
<ul style="list-style-type: none"> • Replace tracker with ARCS-3 tracker • Ship back operating & disassembled spare tracker for seal repair. 	
11. Data Logger action:	Scott
<ul style="list-style-type: none"> • Modify 5 data loggers to have RS422 on outside. • Ship back spare SMET Logger for repair (Barometer) 	
11. BBSS firmware upgrade	Malone
Install new firmware	
Reprogram digacora	
Run test sondings	
12. Install replacement computer in E-Van for Observers	Malone
13. Repair E-Van lead lag controller	Helsel
14. IRT shutter repair	Helsel
<ul style="list-style-type: none"> • Check if shutter sensor, heater and mechanism is working properly 	
15. Ceilometer PC changeout(Windows 95)	Malone
16. Changeout Van thermostats to manual	Helsel
17. Replace Logger box batteries	Helsel
18. MWR software switch (Automatic LOS to TIP)	Koontz
19. Train Observers on new instruments, rounds	Malone
20. Install propeller on spare anemometer	Scott

RESET Prep:

1. UPS

- *Battery changeout in I-Van and D-Van*
 - ~~Purchase UPS batteries~~ Helsel by 5/22/98
 - ~~Ship UPS batteries~~ Apple by?
- *Fan replacement in I-Van and D-Van*
 - ~~Purchase UPS fans~~ Helsel by 5/22/98
 - ~~Ship UPS fans~~ Apple by?
- *Electronics module changeout in I-Van*
 - **Procure 2 new modules** Helsel by 5/22/98
 - **Ship 2 new modules** Apple by?
 - ~~Receive broken module from Manus~~ 6/8/98?
 - ~~Repair old module~~ Helsel by?

2. Install new Tape drives in ADaM/EVE

- **Procure ADaM tape drives (for EVE/spares)** Jones call Koontz
- **Ship ADaM tape drives (for EVE/spares)** Apple by?

3. WSI Installation

- ~~testing~~ Ready rww 6/8/98
- ~~customs~~ Clements w/Zorika
- ~~packing~~ Apple strt by 6/9/98
- ~~shipping~~ Chu strt by 6/11/98
- **WSI arrives Manus(5 weeks lead)** Chu by 7/14/98
- **WSI on GOES** Jones call Koontz
- ~~WSI ADaM ingest~~ Jones call Koontz

4. MPL Air Compressor, shutter repair

- ~~Contact Flynn for direction~~ Scott call Flynn
- ~~Receive replacement Lidar, handheld~~ Marra
- ~~Get needed plumbing for shutter~~ Scott

5. HRPT work in POM

- ~~Get direction from Tischler~~ Clements by 6/5/98
- **Phone line installation** Clements by 7/3/98
- **Moyap Kilepak availability in POM** Clements by 7/3/98
- **Get Manuals from Seaspace** Jones by 7/3/98

6. Data Management Plan/boxes(ADaM, BBSS, WSI)

- ~~Procure tape boxes~~ Apple by 5/29/98
- ~~Ship tape boxes~~ Apple by?

7. SDL computer replacement

- ~~Procure replacement computer~~ Apple by 5/29/98
- ~~Ship replacement computer~~ Apple by?
- **Get instructions on replacement from Perkins** Scott by 6/8/98

8. E-Van AC Unit installation

- ~~Confirm AC Unit arrival at Manus~~ Malone by 5/22/98

9. ISS Troubleshooting

- ~~Connect with Johnston on ISS problems~~ Malone call Paul

10. Solar tracker action
- Replace tracker(ARCS-3)
 - ~~Ship new tracker~~ Zirzow by 5/22
 - Ship back operating & disassembled spare tracker for seal repair.
11. Data Logger action:
- Modify 5 data loggers to have RS422 on outside.
 - ~~Order seacon connectors~~ Ivey
 - ~~Ship seacon connectors~~ Apple
 - Prepare 5 ext. RS422 boxes & conn. Helsel by 6/19
 - Ship 5 external RS422 boxes & conn. Apple
11. BBSS Firmware changeout
- Obtain firmware & instructions from mfr. Malone
 - Conference between Geasa and Lesht Malone
12. Install replacement computer in E-Van for Observers
- ~~Procure E-Van PC for Observers~~ Apple
 - ~~Ship E-Van PC for Observer~~ Apple by ?
13. Repair E-Van lead lag controller
- ~~Procure replacement lead lag controller~~ Jones
 - ~~Ship replacement lead lag controller~~ Apple
14. IRT shutter repair
- ~~Connect with Morris~~ Helsel
15. Ceilometer PC changeout(Windows 95)
- ~~PC/software from Flynn~~ Porch
 - Ship PC/software Apple
 - Installation procedure Porch
16. Changeout Van thermostats to manual
- Procedure for changeout Ivey
 - Try changeout at ARCS-2 Helsel
17. Replace Logger box batteries
- ~~Battery specs to Apple~~ Zirzow
 - ~~Order batteries from Singapore~~ Apple
18. Train Observers
- Session on training module w/Jones Malone
19. Install propeller
- Receive propeller from BNL Marra
20. MWR software switch(automatic switching)
- Morris on call Jones
 - ~~ADaM ingest~~ Keontz
21. Miscellaneous
- ~~Procure stolen items(portable generator, tent)~~ Apple
 - Ship stolen item(portable generator, tent) Apple
20. Logistics
- Verify Typhoid shots for team
 - Lorengau reservations

- **POM reservations**
- **Travel**